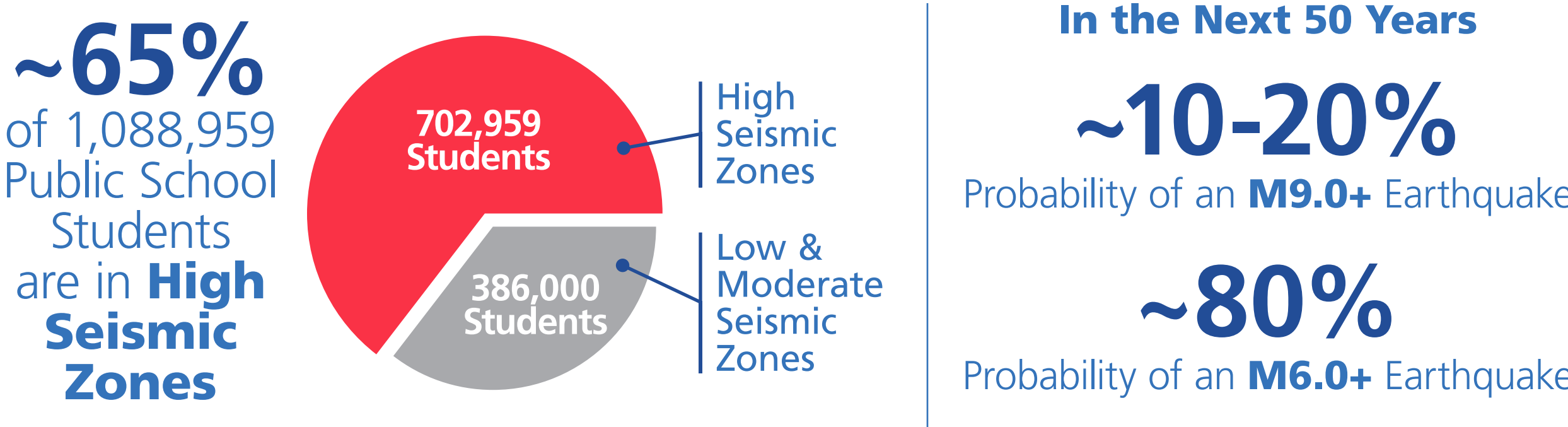


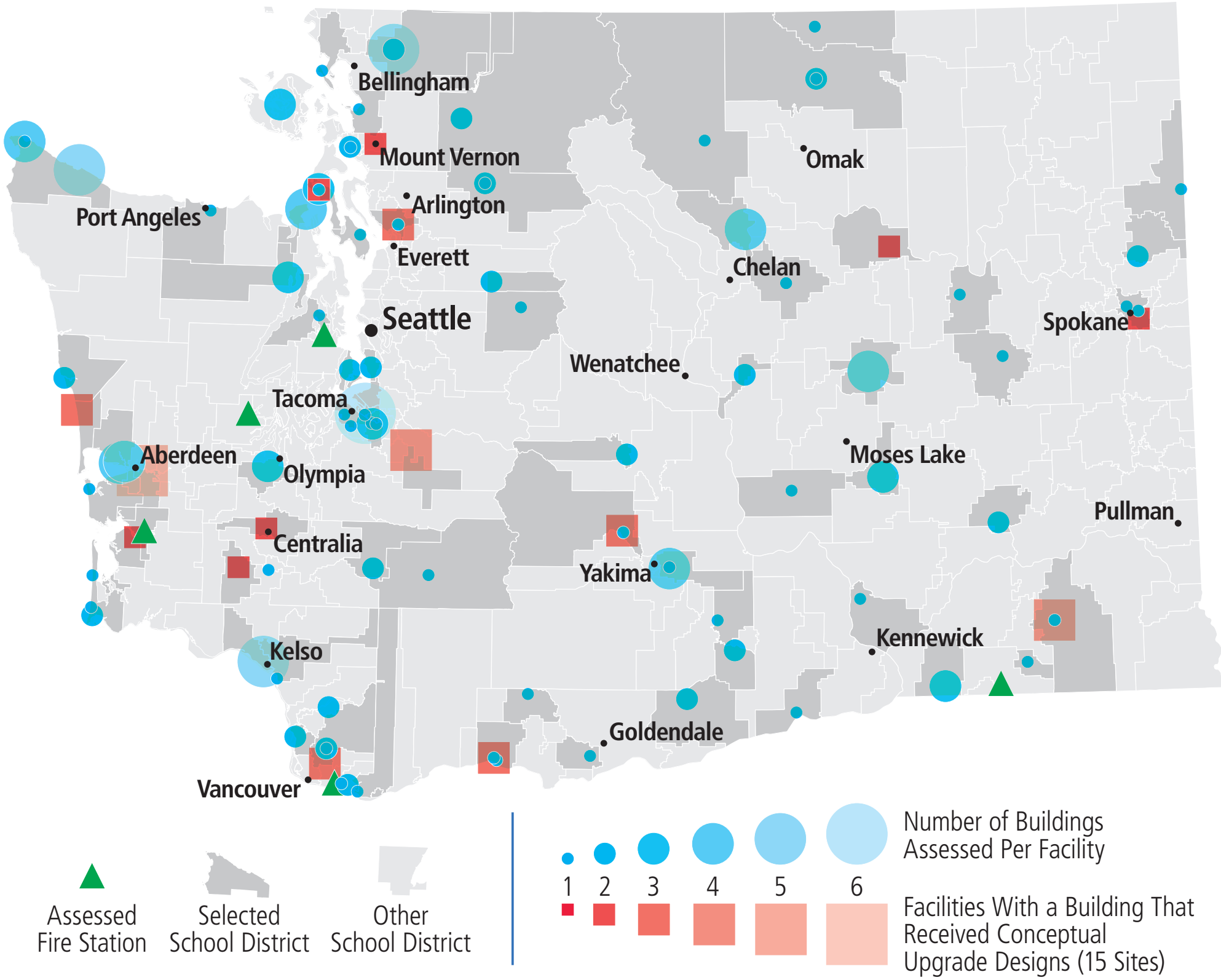
Washington State SCHOOL SEISMIC SAFETY ASSESSMENT PROJECT

SEISMIC RISK & PROJECT SUMMARY

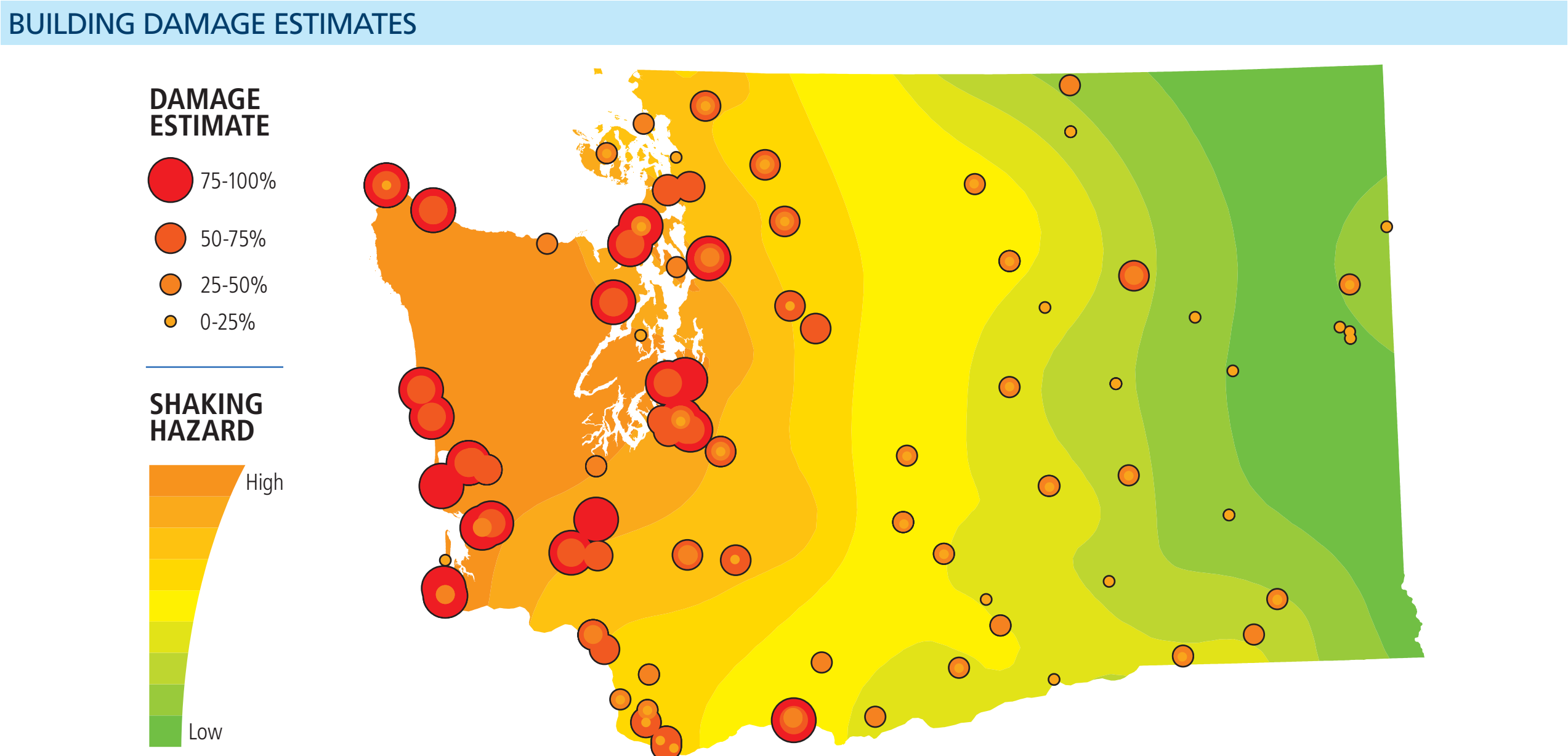
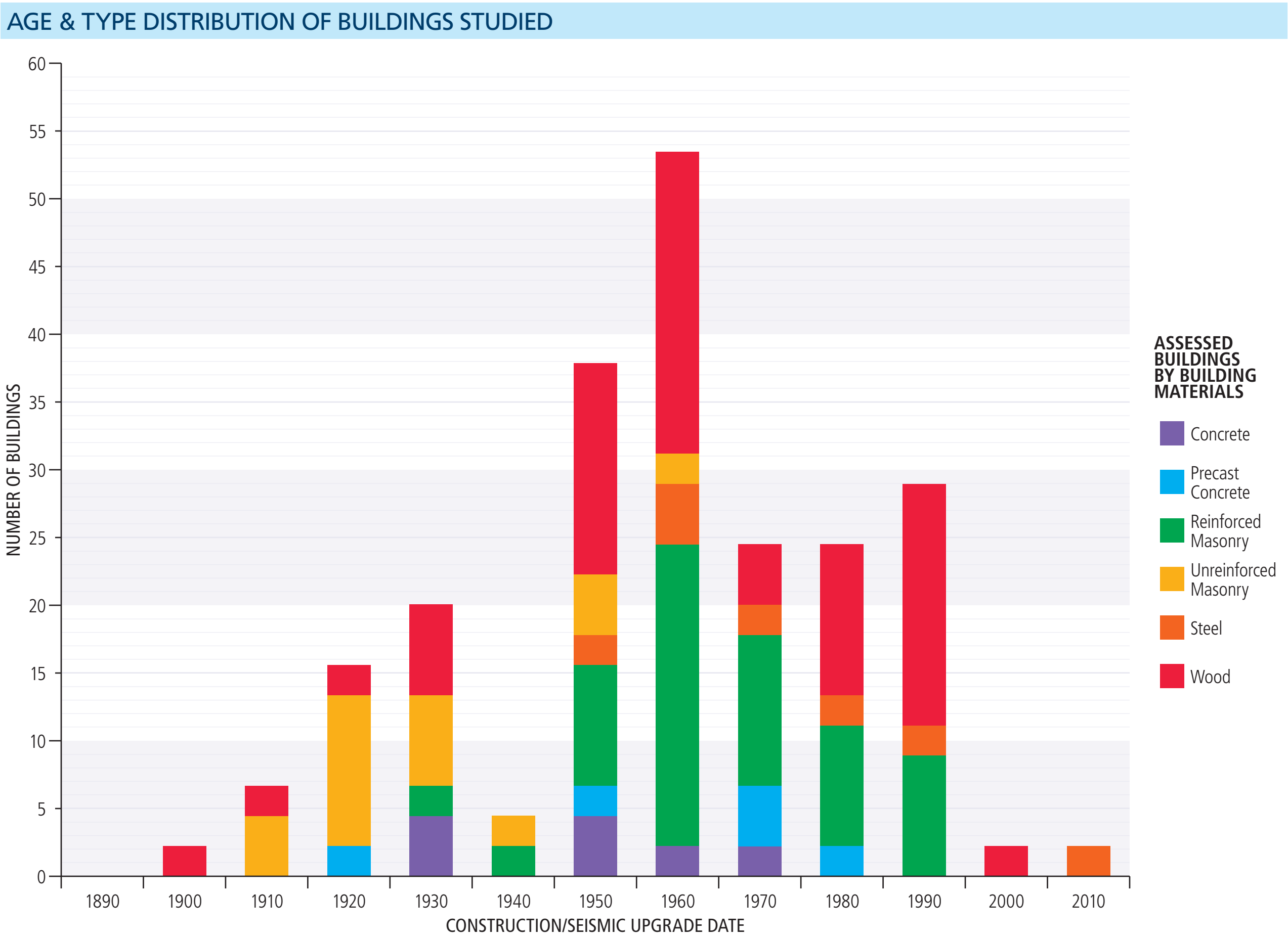


222

School Buildings Studied from 75 School Districts



PROJECT RESULTS



1963
Average Year of Construction

~50%
Non-Compliant Seismic Features for Pre-1950s Buildings

~25%
Buildings **too Costly to Repair** After Design Earthquake

~60%
Unsafe Buildings After Design Earthquake

Cost to Upgrade an Existing Building is Only **~5%-50%** of the **Cost to Replace** a Damaged Building

Washington State has many older school buildings built prior to the adoption of modern seismic safety codes. Older buildings and more vulnerable construction types (especially URM and concrete buildings built prior to 1970) are more at risk of collapse in an earthquake. Schools in high seismic hazard areas and on weak soil are also more vulnerable to collapse.